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Application No. 10/759,449
Amendment dated June 22, 2007
Reply to Office Action of March 22, 2007

JUN 22 2007

Docket No.: 65765-0085

CLAIM LISTING

The following listing of claims supersedes all prior listings, and versions, of claims in this application.

1. (Original) A composition useful for forming a reinforcing body, said composition comprising:

from about 20-30% by weight of an SBS block co-polymer;
from about 5-20% by weight polystyrene;
from about 0.5-5% by weight of a rubber; and
from about 30-45% by weight of an epoxy resin.

2. (Original) The composition of claim 1, said composition further comprising from about 0.5-5% by weight of a pigment.

3. (Original) The composition of claim 1, said composition further comprising from about 1-10% by weight hydrated amorphous silica.

4. (Original) The composition of claim 1, said composition further comprising from about 10-20% glass microspheres.

5. (Currently amended) The composite composition of claim 1, said composition further comprising from about 0.1-5% by weight of a blowing agent.

6. (Original) The composition of claim 1, said composition further comprising from about 0.1-5% by weight of a catalyst.

7. (Original) The composition of claim 1, said composition further comprising from about 0.1-5% by weight of a curing agent.

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8. (Original) The composition of claim 1, said composition further comprising a compound for lowering the blowing temperature of the composition.

9. (Original) The composition of claim 1, wherein said rubber is a nitrile-butadiene rubber and said epoxy resin is a bisphenol A-based liquid epoxy resin, and said composition further comprises:

from about 0.5-5% by weight of a pigment;
from about 1-10% by weight hydrated amorphous silica;
from about 10-20% by weight glass microspheres;
from about 0.1-5% by weight of a blowing agent;
from about 0.1-5% by weight of a catalyst;
from about 0.1-5% by weight of a curing agent; and
up to about 5% by weight of a compound for lowering the blowing temperature of the composition.

10. (Original) The composition of claim 9, wherein said pigment comprises carbon black, said blowing agent comprises azodicarbonamide, said catalyst comprises N,N-dimethyl phenyl urea, said curing agent comprises dicyandiamide, and said compound for lowering the blowing temperature comprises zinc oxide.

11. (Original) A composition useful for forming a reinforcing body, said composition comprising:

from about 20-30% by weight of an SBS block co-polymer;
from about 5-20% by weight polystyrene;
from about 0.5-5% by weight of a rubber; and
from about 30-45% by weight of an epoxy resin,

wherein said composition has a percent expansion of from about 80-220% after heating thereof to a temperature of at least about 300° F.

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12. (Original) A composition useful for forming a reinforcing body, said composition comprising:

from about 20-30% by weight of an SBS block co-polymer;
from about 5-20% by weight polystyrene;
from about 0.5-5% by weight of a rubber; and
from about 30-45% by weight of an epoxy resin,

wherein said composition has a compressive strength of at least about 1400 psi upon being expanded by heating to a temperature of at least about 300° F.

13. (Original) A composition useful for forming a reinforcing body, said composition comprising:

from about 20-30% by weight of an SBS block co-polymer;
from about 5-20% by weight polystyrene;
from about 0.5-5% by weight of a rubber; and
from about 30-45% by weight of an epoxy resin,

wherein said composition has a compressive strength of at least about 1400 psi and a percent expansion of from about 80-220% upon being expanded by heating to a temperature of at least about 300° F.

14. (Original) The composition of claim 13, said composition further comprising from about 0.5-5% by weight of a pigment.

15. (Original) The composition of claim 13, said composition further comprising from about 1-10% by weight hydrated amorphous silica.

16. (Original) The composition of claim 13, said composition further comprising from about 10-20% glass microspheres.

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17. (Currently amended) The ~~composite~~ composition of claim 13, said composition further comprising from about 0.1-5% by weight of a blowing agent.

18. (Original) The composition of claim 13 said composition further comprising from about 0.1-5% by weight of a catalyst.

19. (Original) The composition of claim 13, said composition further comprising from about 0.1-5% by weight of a curing agent.

20. (Original) The composition of claim 13, said composition further comprising a compound for lowering the blowing temperature of the composition.

21. (Original) The composition of claim 13, wherein said rubber is a nitrile-butadiene rubber and said epoxy resin is a bisphenol A-based liquid epoxy resin, and said composition further comprises:

from about 0.5-5% by weight of a pigment;
from about 1-10% by weight hydrated amorphous silica;
from about 10-20% by weight glass microspheres;
from about 0.1-5% by weight of a blowing agent;
from about 0.1-5% by weight of a catalyst;
from about 0.1-5% by weight of a curing agent; and
up to about 5% by weight of a compound for lowering the blowing temperature of the composition.

22. (Original) The composition of claim 21, wherein said pigment comprises carbon black, said blowing agent comprises azodicarbonamide, said catalyst comprises N,N-dimethyl phenyl urea, said curing agent comprises dicyandiamide, and said compound for lowering the blowing temperature comprises zinc oxide.

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23. (Previously presented) A composition of claim 13 wherein the percent expansion is from about 95% to about 200%.

24. (Previously presented) A composition of claim 23 wherein the compressive strength is at least about 1600 psi.

25. (Previously presented) A composition of claim 13 wherein the percent expansion is from about 129% to about 147%.

26. (Previously presented) A composition of claim 25 wherein the compressive strength is from about 1422 psi to about 2129 psi.

27. (Previously presented) A composition of claim 25 wherein the compressive strength is at least about 1600 psi.